

# RESPIRATION GAS FEEDING METHOD AND ITS DEVICE

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## Abstract of **JP2004105230**

**PROBLEM TO BE SOLVED:** To provide a respiration gas feeding method and its device by which a fine pressure varying in the respiration cycle of a human being can be precisely detected, even when a reference value for detecting an air inhalation starting point varies, the reference value can be updated to a new one, and concentrated oxygen can be precisely and stably fed without losing a normal respiration gas feeding function.

**SOLUTION:** By this respiration gas feeding method, a respiration gas comprising oxygen or a concentrated oxygen gas is fed into the nostril and/or the oral cavity under a state being opened to the atmosphere. The respiration cycle is detected by a variation in the fine pressure or a fine differential pressure and is converted into an electric signal. In the electric signal, the reference value for discriminating to be in the inhaling air is set and stored. When the stored reference value varies, a new reference value after the variation is detected and the reference value is renewed. The air inhalation starting point is detected by the updated reference value, and a feeding period for the respiration gas is calculated by the respiration gas feeding method.

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